AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1.   (Currently Amended) In a client system, an automated method for assisting a user of the client system in retrieving and browsing information, the method comprising:

Retrieving, by the client system, and displaying on a display of the client system for browsing, a first information page having first contents, responsive to user direction; and

transmitting to a server, by the client system over a network connection, information about the first information page, wherein the server is not a source server of the first information page; and

automatically assembling and augmenting, by the client system, the first information page being browsed with one or more information source identifiers directly identifying one or more information pages with second contents that may be additionally retrieved, the one or more directly identified information pages being selected based at least in part on second keywords determined to be related to first keywords present in the first information page, and the second contents directly augmenting the first content, said one or more information source identifiers received from the server in response to the transmission.

2.   (Previously Presented) The method of claim 1, wherein the method further comprises performing on said client system in real time, on retrieval of the first information page, analysis of the first information page to determine presence of said

first keywords in the portion of the content of said first information page on which
said automatic assembling and augmenting is based.

3.   (Previously Presented) The method of claim 2, wherein said analysis

comprises performing on said client system in real time, on retrieval of the first

information page, scanning of said first information page for unique nouns presence,

accessing a current table of keywords to determine if any of the unique nouns are to

be considered as keywords, and outputting those unique nouns that should be so

considered as the presence of first keywords.

4.   (Previously Presented) The method of claim 3, wherein the method further

comprises designating to a browser of the client system a first of a plurality of tables

of keywords as the current table of keywords.

5.   (Original) The method of claim 4, wherein the method further comprises

loading/downloading said plurality of tables of keywords onto the client system.

6.   (Previously Presented) The method of claim 3, wherein said analyzing further

comprises performing on said client system in real time, on retrieval of the first

information page, retrieval of the second keywords related to the presence of first

keywords from one or more tables of related keywords, using said presence of first

keywords.

7.   (Canceled)

8.   (Canceled)

9.   (Canceled)

10.   (Currently Amended) The method of claim 1, wherein <u>the information about</u>
<u>the first information page is</u> ~~the method further comprises performing on the client~~
~~system in real time, on retrieval of the information page, transmission to a server,~~
~~which is not a source server of the first information page,~~ a selected one of (a) a
locator of the first information page identifying a third party location from where the
first information page is being retrieved, (b) a plurality of unique nouns of the first
information page, (c) a plurality of first keywords present in the first information page,
and (d) a plurality of second keywords related to the first keywords.

11.   (Previously Presented) The method of claim 1, wherein said first information
page is an information page constituted using a mark-up language.

12.   (Previously Presented) The method of claim 1, wherein the method further
comprises displaying on said display a selected one of (a second information page
corresponding to a first of the additional information pages, and a thumbnail of the
second information page).

13.   (Previously Presented) The method of claim 12, wherein said displaying of a
thumbnail comprises performing on said client system in real time, on retrieval of the
first information page, a selected one of (a) retrieving said thumbnail and (b)
retrieving said second information page and dithering said retrieved second
information page to form said thumbnail.

14.   (Previously Presented) The method of claim 12, wherein said displaying of a thumbnail is made responsive to proximate placement of a cursor next to a first information source identifier corresponding to said second information page.

15.   (Currently Amended) In a client system, an automated method for assisting a user of the client system to retrieve and browse information, the method comprising:

retrieving and displaying on a display of the client system for browsing, a first information page having content, responsive to user direction;

performing on said client system in real time, on retrieval of the first information page, analysis of the first information page to determine presence of first keywords in at least a portion of the content of said first information page, and retrieval of second keywords related to the presence of first keywords;

transmitting the second keywords to a server which is not a source server of the first information page over a network connection;

automatically assembling and augmenting the first information page being browsed with one or more information source identifiers identifying one or more information pages that may be additionally retrieved, based at least in part on the automatically determined presence of first keywords in said portion of the content of said first information page, and said second keywords, said one or more information source identifiers received from the server in response to the transmission; and

presenting on the display, responsive to a user event, a thumbnail of a second information page corresponding to a first of the identified information pages.

16.   (Previously Presented) The method of claim 15, wherein said presenting of the thumbnail comprises performing on the client system in real time, a selected one

of (a) retrieving said thumbnail and (b) retrieving said second information page, and

dithering said retrieved second information page to form said thumbnail.

17.   (Previously Presented) The method of claim 15, wherein said presenting of

the thumbnail is made responsive to proximate placement of a cursor next to a first

information source identifier corresponding to the second information page.

18.   (Currently Amended) In a server system, an automated method for facilitating

provision of assistance to a user of a networked client system to retrieve and browse

information, the method comprising:

        receiving from said client system in real time via a computer networking

connection, on retrieval from a third party location by the client system a first

information page to be browsed on the client system, first keywords related to

presence of second keywords in the first information page, where at least the

second keywords present in the first information page are dynamically determined

by the client system in real time on retrieval of the first information page; and

        in response, providing to said client system a plurality of information source

identifiers identifying a plurality of information pages that may be additionally

retrieved, based at least in part on said received related first keywords to enable the

first information page to be automatically augmented on the client system with

information source identifiers identifying information pages based on the related first

keywords.

19.   (Original) The method of claim 18, wherein the method further comprises

providing to said client system a thumbnail of a second information page

corresponding to a first of said information source identifiers.

20.   (Original) The method of claim 19, wherein the method further comprises

retrieving said second information page and dithering said second information page

to form said thumbnail.

21.   (Currently Amended) In a server system, an automated method for facilitating

provision of assistance to a user of a networked client system to retrieve and browse

information, the method comprising:

        receiving from said client system in real time, <u>wherein the client system is</u>
<u>stored as a module on a computer system separate from a computer system on</u>
<u>which the server system is stored,</u> on retrieval from a third party location by the client

system a first information page having first content to be browsed on the client

system, presence of first keywords in the first information page, where presence of

the first keywords of the first information page are dynamically determined in real

time by the client system on retrieval of the first information page; and

        in response, providing to said client system a plurality of information source

identifiers directly identifying a plurality of information pages with second contents

that may be additionally retrieved, based at least in part on second keywords related

to the first keywords , the second contents directly augmenting the first contents.

22.   (Original) The method of claim 21, wherein the method further comprises

dynamically determining related second keywords of said presence ones of first

keywords; and said providing of information source identifiers to said client system is

made based at least in part on said dynamically determined related second

keywords.

23.   (Original) The method of claim 21, wherein the method further comprises
providing to said client system a thumbnail of a second information page
corresponding to a first of said information source identifiers.

24.   (Original) The method of claim 23, wherein the method further comprises
retrieving said second information page and dithering said second information page
to form said thumbnail.

25.   (Currently Amended) In a server system, an automated method for facilitating
provision of assistance to a user of a networked client system to retrieve and browse
information, the method comprising:

receiving via a network connection from said client system in real time, on
retrieval from a third party location by a client system a first information page with
first contents to be browsed on the client system, unique nouns of the first
information page, where the unique nouns are dynamically determined in real time
by the client system on retrieval of the first information page; and

in response, providing to said client system a plurality of information source
identifiers directly identifying a plurality of information pages with second contents
that may be additionally retrieved, based at least in part on second keywords related
to first keywords present in the first information page, the second contents directly
augmenting the first contents.

26.   (Previously Presented) The method of claim 25, wherein the method further
comprises dynamically determining the first keywords present in said first
information page using said received unique nouns.

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27.   (Previously Presented) The method of claim 26, wherein the method further

comprises dynamically determining the related second keywords of said presence of

first keywords.

28.   (Original) The method of claim 25, wherein the method further comprises

providing to said client system a thumbnail of a second information page

corresponding to a first of said information source identifiers.

29.   (Original) The method of claim 28, wherein the method further comprises

retrieving said second information page and dithering said second information page

to form said thumbnail.

30.   (Currently Amended) In a server system, an automated method for facilitating

provision of assistance to a user of a networked client system to retrieve and browse

information, the method comprising:

        receiving via a network connection in real time from said client system, on

retrieval from a third party location by the client system a first information page to be

browsed on the client system, a locator of the first information page identifying the

third party location; and

        providing to said client system a plurality of information source identifiers

identifying a plurality of information pages that may be additionally retrieved, based

at least in part on second keywords related to first keywords present in the first

information page.

31.   (Previously Presented) The method of claim 30, wherein the method further

comprises retrieving said first information page and dynamically analyzing the

retrieved first information page in real time to determine presence of first keywords in said information page.

32.   (Previously Presented) The method of claim 31, wherein the method further comprises dynamically determining the related second keywords of said presence of first keywords.

33.   (Original) The method of claim 30, wherein the method further comprises providing to said client system a thumbnail of a second information page corresponding to a first of said information source identifiers.

34.   (Original) The method of claim 33, wherein the method further comprises retrieving said second information page and dithering said second information page to form said thumbnail.

35.   (Currently Amended) A client system comprising:
       a display;
       a networking device
       a browser to facilitate augmented viewing of a first retrieved information page having first contents, including an analyzer equipped to analyze the first contents to determine a plurality of unique nouns present, determine which of the plurality of unique nouns are first keywords, transmit second keywords related to the first keywords to a server via the networking device, receive a plurality of information source identifiers directly identifying a plurality of information pages with second

contents that may be additionally retrieved, the second contents directly augmenting

said first contents, and ~~equipped~~ to dynamically and automatically assemble ~~a~~ the

plurality of information source identifiers into the first information page ~~directly~~

~~identifying a plurality of information pages with second contents that may be~~

~~additionally retrieved, based at least in part on a portion of said content of the first~~

~~retrieved information page, the second contents directly augmenting said first~~

~~contents~~; and

        an information source database having a plurality of first keywords and a

plurality of second keywords related to the plurality of first keywords.

36.   (Currently Amended) The client system of claim 35, wherein the analyzer

further comprises a lexical analyzer to facilitate determination in real time the unique

nouns ~~in said first retrieved information page being browsed~~.

37.   (Canceled)

38.   (Previously Presented) The client system of claim 35, wherein the client

system further comprises a dithering module to dither a second information page

retrieved to augment the first retrieved information page, to generate a thumbnail of

the second retrieved information page.

39.   (Currently Amended) A server system comprising:

        a network interface to couple the server system to a network;

        programming instructions and an information source database having a first

plurality of keywords, a second plurality of keywords related to the first plurality of

keywords, and a plurality of associated information source identifiers of the first

keywords, directly identifying a plurality of information pages with first contents that may be additionally retrieved, to facilitate automatic augmented provision of dynamically assembled information source identifiers by a browser of a ~~coupled~~ client system communicatively coupled via the network, based at least in part on a portion of a first information page with second content retrieved from a third party location for browsing on said client system, the first contents directly augmenting the second contents.

40. (Previously Presented) The server system of claim 39, wherein the server system further comprises

a keyword database, having said second plurality of keywords and said first plurality of keywords, the first and second keywords being related, to facilitate determination of related second keywords of presence of first keywords in the first retrieved information page.

41. (Previously Presented) The server system of claim 39, wherein the programming instructions implement a lexical analyzer to facilitate determination of unique nouns in said first retrieved information page being browsed, for use in determining presence of said first keywords in said first retrieved information page being browsed.

42. (Previously Presented) The server system of claim 39, wherein the programming instructions implement a dithering module to dither a second retrieved information page retrieved to augment the first retrieved information page to generate a thumbnail of the second retrieved information page.